

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Sub 1
1. (Currently Amended) A method of optimally demanufacturing a product to provide greatest economic benefit, comprising the steps of:

4 providing a product for demanufacturing, said product having a
5 plurality of parts, wherein each of said parts comprises one or
6 more commodities;

7 collecting a resale price for said product;

8 collecting one or more resale prices for one or more of said
9 parts respectively;

10 collecting one or more commodity prices for one or more of said
11 commodities respectively;

12 determining the labor expense to remove said each of said parts
13 from said product;

14 entering said resale prices, said commodity prices, and said
15 labor expense into a computer model;

16 executing said computer model to determine a highest commodity
17 value irrespective of said one or more resale prices for one or
18 more of said parts, or said resale price for said product;

19 executing said computer model to determine a highest removed

20 parts value irrespective of said one or more commodity prices for
21 one or more of said commodities, or said resale price for said
22 product;

23 executing said computer model to make a determination of which of
24 said parts, if any, to be removed from said product and an
25 optimum level of demanufacturing to provide greatest economic
26 benefit by recovering largest revenue; and

27 in response to said determination, either offering said product
28 for resale, or removing said parts which were determined to be
29 removed, if any, and offering said parts for resale, separating
30 any remaining parts into said commodities, and offering said
31 commodities for resale.

Cont
2 2. (Currently Amended) The method of claim 1, wherein said resale
3 prices, said commodity prices, and said labor expense are
4 provided from a database, wherein said database is periodically
updated.

1 3. (Cancelled) ✓

1 4. (Cancelled) ✓

1 5. (Original) The method of claim 1, wherein said computer model
2 is a spreadsheet model.

1 6. (Currently Amended) A method of determining the optimal extent
2 to demanufacture a product to provide greatest economic benefit,
3 comprising the steps of:

4 providing a product for demanufacturing, said product having a

5 plurality of parts, wherein each of said parts comprises one or
6 more commodities;

7 collecting one or more resale prices for one or more of said
8 parts respectively;

9 collecting one or more commodity prices for one or more of said
10 commodities respectively;

11 determining the labor expense to remove said each of said parts
12 from said product;

13 entering said resale prices, said commodity prices, and said
14 labor expense into a spreadsheet model; ~~and~~

15 executing said spreadsheet model to determine a highest commodity
16 value irrespective of said one or more resale prices for one or
17 more of said parts;

~~18~~ executing said spreadsheet model to determine a highest removed
19 parts value irrespective of said one or more commodity prices for
20 one or more of said commodities; and

21 executing said spreadsheet model to optimally determine which of
22 said parts, if any, to remove from said product to provide
23 greatest economic benefit by recovering largest revenue.

1 7. (Currently Amended) A method of determining the optimal extent
2 to demanufacture a product to provide greatest economic benefit,
3 comprising the steps of:

4 providing a product for demanufacturing, said product having a

5 plurality of parts, wherein each of said parts comprises one or
6 more commodities;

7 collecting a resale price for said product;

8 collecting one or more resale prices for one or more of said
9 parts respectively;

10 collecting one or more commodity prices for one or more of said
11 commodities respectively;

12 determining the labor expense to remove said each of said parts
13 from said product;

14 entering said resale prices, said commodity prices, and said
15 labor expense into a spreadsheet model; and

16 executing said spreadsheet model to determine a highest commodity
17 value irrespective of said one or more resale prices for one or
18 more of said parts, or said resale price for said product;

19 executing said spreadsheet model to determine a highest removed
20 parts value irrespective of said one or more commodity prices for
21 one or more of said commodities, or said resale price for said
22 product; and

23 executing said spreadsheet model to optimally determine which of
24 said parts, if any, to remove from said product or whether to
25 offer said product for resale to provide greatest economic
26 benefit by recovering largest revenue.

1 8. (Currently Amended) A computer system for determining the

2 optimal extent to demanufacture a product to provide greatest
3 economic benefit, said product having a plurality of parts
4 wherein each of said parts comprises one or more commodities,
5 said system comprising:

6 means for collecting one or more resale prices for one or more of
7 said parts respectively;

8 means for collecting one or more commodity prices for one or more
9 of said commodities respectively;

10 means for determining the labor expense to remove said each of
11 said parts from said product;

12 means for entering said resale prices, said commodity prices, and
13 said labor expense into a spreadsheet model; ~~and~~

14 means for executing said spreadsheet model to determine a highest
15 commodity value irrespective of said one or more resale prices
16 for one or more of said parts;

17 means for executing said spreadsheet model to determine a highest
18 removed parts value irrespective of said one or more commodity
19 prices for one or more of said commodities; and

20 means for executing said spreadsheet model to optimally determine
21 which of said parts, if any, to remove from said product to
22 provide greatest economic benefit by recovering largest revenue.

1 9. (Currently Amended) A computer program product for instructing
2 a processor to determine the optimal extent to demanufacture a
3 product to provide greatest economic benefit, said product having

4 a plurality of parts, wherein each of said parts comprises one or
5 more commodities, said computer program product comprising:

6 a computer readable medium;

7 first computer instruction means for collecting a resale price
8 for said product;

9 second computer instruction means for collecting one or more
10 resale prices for one or more of said parts respectively;

11 third computer instruction means for collecting one or more
12 commodity prices for one or more of said commodities
13 respectively;

14 fourth computer instruction means for determining the labor
15 expense to remove said each of said parts from said product;

16 fifth computer instruction means for entering said resale prices,
17 said commodity prices, and said labor expense into a computer
18 model; ~~and~~

19 sixth computer instruction means for executing said computer
20 model to determine a highest commodity value irrespective of said
21 one or more resale prices for one or more of said parts, or said
22 resale price for said product;

23 seventh computer instruction means for executing said computer
24 model to determine a highest removed parts value irrespective of
25 said one or more commodity prices for one or more of said
26 commodities, or said resale price for said product; and

27 ~~sixth~~ eighth computer instruction means for executing said
28 computer model to make an optimal determination of whether to
29 sell said product, or whether to remove and sell one or more of
30 said parts from said product to provide greatest economic benefit
31 by recovering largest revenue; and wherein

32 all of said computer instruction means are recorded on said
33 medium.

CI 10. (Original) The computer program product of claim 9, further
2 comprising a database comprising said resale prices, said
3 commodity prices, and said labor expense, and wherein said
4 database is recorded on said medium.
